

CLAIMS

- 5 1. A rapidly disintegrating tablet comprising:
 - at least one active substance
 - silicified microcrystalline cellulose, and
 - optional excipients.
- 10 2. The rapidly disintegrating tablet according to claim 1, wherein the active substance is selected from the group of antibiotics.
3. The rapidly disintegrating tablet according to claims
15 1 or 2, wherein the active substance is amoxicillin in combination with clavulanic acid.
4. The rapidly disintegrating tablet according to claim
20 3, wherein the amoxicillin is in the form of amoxicillin trihydrate.
5. The rapidly disintegrating tablet according to claim
25 3, wherein the clavulanic acid is in the form of potassium clavulanate.
6. The rapidly disintegrating tablet according to any of
claims 3 to 5, wherein the ratio of amoxicillin to
clavulanic acid is in the range of 2 :1 to 30 :1.
- 30 7. The rapidly disintegrating tablet according any of
claims 3 to 5, wherein the ratio of amoxicillin to
clavulanic acid is 4 :1.

8. The rapidly disintegrating tablet according to any of claims 3 to 5, wherein the ratio of amoxicillin to clavulanic acid is 7 :1.

5 9. The rapidly disintegrating tablet according to claim 1, wherein the proportion of the active substance in the tablet is 5 to 70 % by weight of the tablet.

10. The rapidly disintegrating tablet according to claim 1, wherein the ratio of the active substance and silicified microcrystalline cellulose is 0.5 : 1 to 2.5 : 1.

11. The rapidly disintegrating tablet according to claim 1 wherein the proportion of silicified microcrystalline cellulose is 30 to 95% by weight.

12. The rapidly disintegrating tablet according to claim 1, wherein hydrogenated castor oil is contained as a lubricant.

13. Use of the rapidly disintegrating tablet according to any of the preceding claims as an orodispersible tablet or as a dispersible tablet.

14. Use of the rapidly disintegrating tablet according to any of claims 1 to 12 in the manufacture of a medicament for the treatment of pediatric patients.

15. An orodispersible tablet comprising amoxicillin, clavulanic acid and silicified microcrystalline cellulose.

16. A dispersible tablet comprising amoxicillin, clavulanic acid and silicified microcrystalline cellulose.

17. A process for the manufacture of a rapidly disintegrating tablet according to claim 1 comprising the steps of:

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- blending the at least one active substance, silicified microcrystalline cellulose and optional excipients;
 - homogenizing the obtained mixture;
 - sieving the homogenized mixture; and
 - forming tablets therefrom.